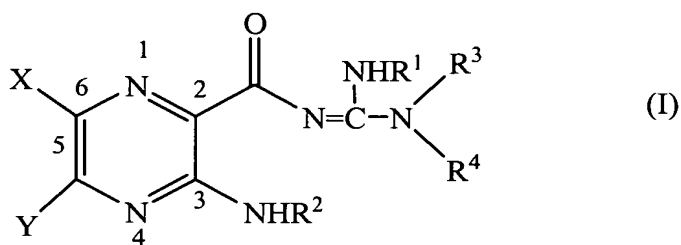


IN THE CLAIMS

The status of each claim in the application is provided below:

1. (Currently Amended) A compound represented by formula (I):



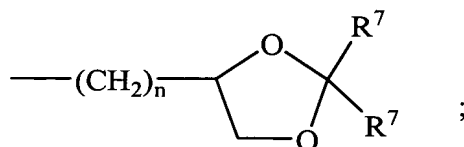
wherein

X is hydrogen, halogen, trifluoromethyl, lower alkyl, unsubstituted or substituted phenyl, lower alkyl-thio, phenyl-lower alkyl-thio, lower alkyl-sulfonyl, or phenyl-lower alkyl-sulfonyl;

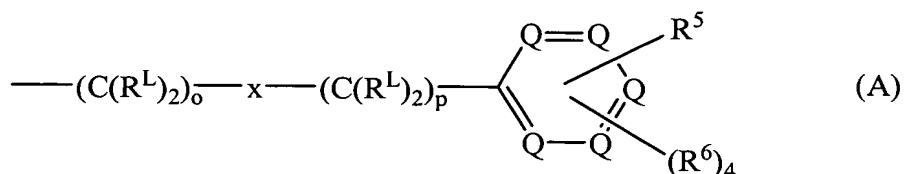
Y is hydrogen, hydroxyl, mercapto, lower alkoxy, lower alkyl-thio, halogen, lower alkyl, unsubstituted or substituted mononuclear aryl, or -N(R<sup>2</sup>)<sub>2</sub>;

R<sup>1</sup> is hydrogen or lower alkyl;

each R<sup>2</sup> is, independently, -R<sup>7</sup>, -(CH<sub>2</sub>)<sub>m</sub>-OR<sup>8</sup>, -(CH<sub>2</sub>)<sub>m</sub>-NR<sup>7</sup>R<sup>10</sup>, -(CH<sub>2</sub>)<sub>n</sub>(CHOR<sup>8</sup>)(CHOR<sup>8</sup>)<sub>n</sub>-CH<sub>2</sub>OR<sup>8</sup>, -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>m</sub>-R<sup>8</sup>, -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>m</sub>-CH<sub>2</sub>CH<sub>2</sub>NR<sup>7</sup>R<sup>10</sup>, -(CH<sub>2</sub>)<sub>n</sub>-C(=O)NR<sup>7</sup>R<sup>10</sup>, -(CH<sub>2</sub>)<sub>n</sub>-Z<sub>g</sub>-R<sup>7</sup>, -(CH<sub>2</sub>)<sub>m</sub>-NR<sup>10</sup>-CH<sub>2</sub>(CHOR<sup>8</sup>)(CHOR<sup>8</sup>)<sub>n</sub>-CH<sub>2</sub>OR<sup>8</sup>, -(CH<sub>2</sub>)<sub>n</sub>-CO<sub>2</sub>R<sup>7</sup>, or

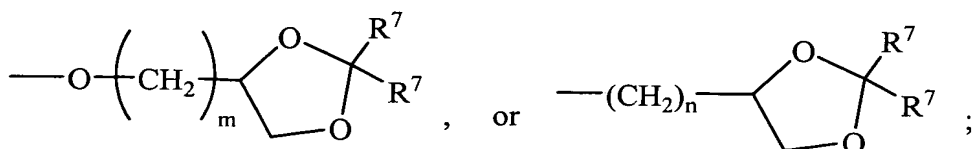


$R^3$  and  $R^4$  are each, independently, hydrogen, a group represented by formula (A), lower alkyl, hydroxy lower alkyl, phenyl, phenyl-lower alkyl, (halophenyl)-lower alkyl, lower-(alkylphenylalkyl), lower (alkoxyphenyl)-lower alkyl, naphthyl-lower alkyl, or pyridyl-lower alkyl, with the proviso that at least one of  $R^3$  and  $R^4$  is a group represented by formula (A):



wherein

each  $R^{\text{L}}$  is, independently,  $-\text{R}^7$ ,  $-(\text{CH}_2)_n\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m\text{OR}^8$ ,  $-(\text{CH}_2)_n\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2)_m\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n(\text{CHOR}^8)(\text{CHOR}^8)_n\text{CH}_2\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m(\text{CHOR}^8)(\text{CHOR}^8)_n\text{CH}_2\text{OR}^8$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_m\text{R}^8$ ,  $-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m\text{R}^8$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_m\text{CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m\text{CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n\text{C}(=\text{O})\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2)_m\text{C}(=\text{O})\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n(\text{Z})_g\text{R}^7$ ,  $-\text{O}-(\text{CH}_2)_m(\text{Z})_g\text{R}^7$ ,  $-(\text{CH}_2)_n\text{NR}^{10}\text{CH}_2(\text{CHOR}^8)(\text{CHOR}^8)_n\text{CH}_2\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m\text{NR}^{10}\text{CH}_2(\text{CHOR}^8)(\text{CHOR}^8)_n\text{CH}_2\text{OR}^8$ ,  $-(\text{CH}_2)_n\text{CO}_2\text{R}^7$ ,  $-\text{O}-(\text{CH}_2)_m\text{CO}_2\text{R}^7$ ,  $-\text{OSO}_3\text{H}$ ,  $-\text{O-glucuronide}$ ,  $-\text{O-glucose}$ ,



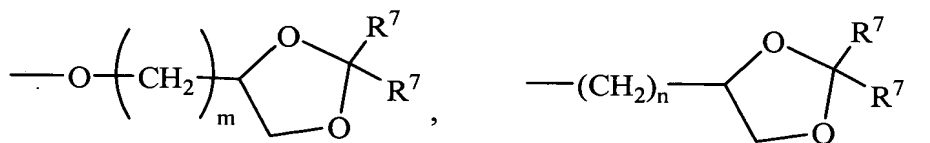
each o is, independently, an integer from 0 to 10;

each p is an integer from 0 to 10;

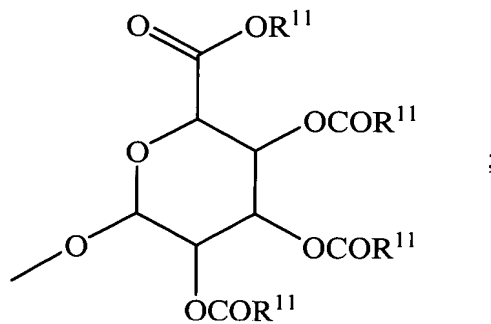
with the proviso that the sum of o and p in each contiguous chain is from 1 to 10;

each x is, independently, O,  $\text{NR}^{10}$ ,  $\text{C}(=\text{O})$ ,  $\text{CHOH}$ ,  $\text{C}(=\text{N}-\text{R}^{10})$ ,  $\text{C}(=\text{N}-\text{R}^{10})$ ,  $\text{CHNR}^7\text{R}^{10}$ , or represents a single bond;

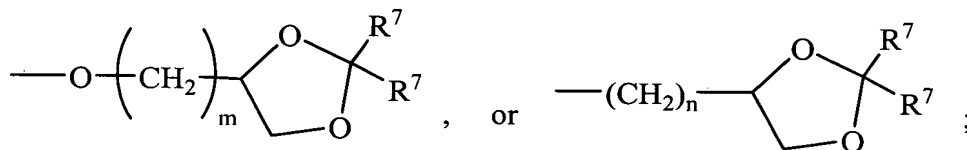
each  $\text{R}^5$  is, independently,  $-(\text{CH}_2)_m-\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m-\text{OR}^8$ ,  $-(\text{CH}_2)_n-\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2)_m-\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n(\text{CHOR}^8)(\text{CHOR}^8)_n-\text{CH}_2\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m(\text{CHOR}^8)(\text{CHOR}^8)_n-\text{CH}_2\text{OR}^8$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_m-\text{R}^8$ ,  $-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m-\text{R}^8$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_m-\text{CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m-\text{CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n-\text{C}(=\text{O})\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2)_m-\text{C}(=\text{O})\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n-(\text{Z})_g-\text{R}^7$ ,  $-\text{O}-(\text{CH}_2)_m-(\text{Z})_g-\text{R}^7$ ,  $-(\text{CH}_2)_n-\text{NR}^{10}-\text{CH}_2(\text{CHOR}^8)(\text{CHOR}^8)_n-\text{CH}_2\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m-\text{NR}^{10}-\text{CH}_2(\text{CHOR}^8)(\text{CHOR}^8)_n-\text{CH}_2\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m-\text{CO}_2\text{R}^7$ ,  $-\text{OSO}_3\text{H}$ ,  $-\text{O-glucuronide}$ ,  $-\text{O-glucose}$ ,



or



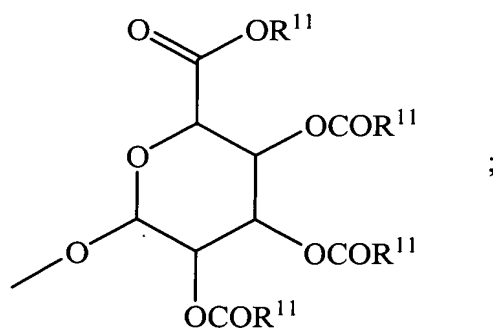
each  $R^6$  is, independently,  $-R^7$ ,  $-OR^{11}$ ,  $-N(R^7)_2$ ,  $-(CH_2)_m-OR^8$ ,  
 $-O-(CH_2)_m-OR^8$ ,  $-(CH_2)_n-NR^7R^{10}$ ,  $-O-(CH_2)_m-NR^7R^{10}$ ,  
 $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  
 $-O-(CH_2)_m(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  
 $-(CH_2CH_2O)_m-R^8$ ,  $-O-(CH_2CH_2O)_m-R^8$ ,  $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$   
 $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ ,  
 $-O-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ ,  $-(CH_2)_n-C(=O)NR^7R^{10}$ ,  
 $-O-(CH_2)_m-C(=O)NR^7R^{10}$ ,  $-(CH_2)_n-(Z)_g-R^7$ ,  $-(CH_2)_n-(Z)_g-R^7$ ,  $-O-(CH_2)_m-(Z)_g-R^7$ ,  
 $-(CH_2)_n-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  
 $-O-(CH_2)_m-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  
 $-(CH_2)_n-CO_2R^7$ ,  $-O-(CH_2)_m-CO_2R^7$ ,  $-OSO_3H$ ,  $-O$ -glucuronide,  $-O$ -glucose,



wherein when two  $R^6$  are  $-OR^{11}$  and are located adjacent to each other on a phenyl ring, the alkyl moieties of the two  $R^6$  may be bonded together to form a methylenedioxy group;

each  $R^7$  is, independently, hydrogen or lower alkyl;

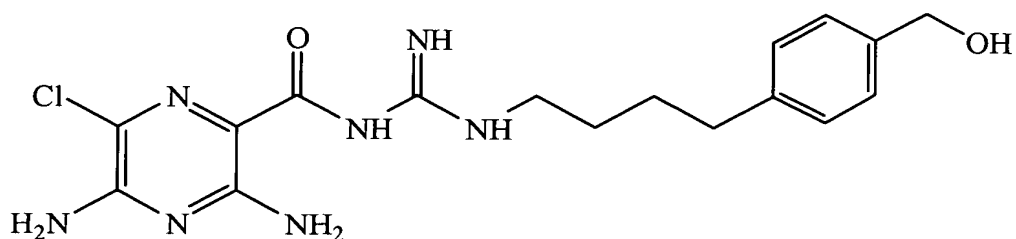
each  $R^8$  is, independently, hydrogen, lower alkyl,  $-C(=O)-R^{11}$ , glucuronide, 2-tetrahydropyranyl, or



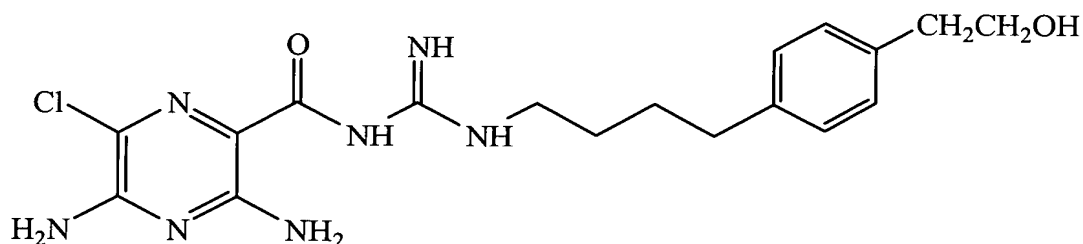
- each  $R^9$  is, independently,  $-\text{CO}_2R^7$ ,  $-\text{CON}(R^7)_2$ ,  $-\text{SO}_2\text{CH}_3$ , or  $-\text{C}(=\text{O})R^7$ ;
- each  $R^{10}$  is, independently,  $-\text{H}$ ,  $-\text{SO}_2\text{CH}_3$ ,  $-\text{CO}_2R^7$ ,  $-\text{C}(=\text{O})\text{NR}^7R^9$ ,  $-\text{C}(=\text{O})R^7$ , or  $-\text{CH}_2-(\text{CHOH})_n-\text{CH}_2\text{OH}$ ;
- each  $Z$  is, independently,  $\text{CHOH}$ ,  $\text{C}(=\text{O})$ ,  $\text{CHNR}^7R^{10}$ ,  $\text{C}=\text{NR}^{10}$ , or  $\text{NR}^{10}$ ;
- each  $R^{11}$  is, independently, lower alkyl;
- each  $g$  is, independently, an integer from 1 to 6;
- each  $m$  is, independently, an integer from 1 to 7;
- each  $n$  is, independently, an integer from 0 to 7;
- each  $Q$  is, independently,  $\text{C}-R^5$  or  $\text{C}-R^6$ , wherein one  $Q$  is  $\text{C}-R^5$ ;
- or a pharmaceutically acceptable salt thereof, and
- inclusive of all enantiomers, diastereomers, and racemic mixtures thereof.

2. (Previously Presented) The compound of Claim 1, wherein  $Y$  is  $-\text{NH}_2$ .
3. (Previously Presented) The compound of Claim 2, wherein  $R^2$  is hydrogen.
4. (Previously Presented) The compound of Claim 3, wherein  $R^1$  is hydrogen.
5. (Previously Presented) The compound of Claim 4, wherein  $X$  is chlorine.

6. (Previously Presented) The compound of Claim 5, wherein  $R^3$  is hydrogen.
7. (Previously Presented) The compound of Claim 6, wherein each  $R^L$  is hydrogen.
8. (Previously Presented) The compound of Claim 7, wherein  $o$  is 4.
9. (Previously Presented) The compound of Claim 8, wherein  $p$  is 0.
10. (Previously Presented) The compound of Claim 9, wherein  $x$  represents a single bond.
11. (Previously Presented) The compound of Claim 10, wherein each  $R^6$  is hydrogen.
12. Canceled.
13. Canceled.
14. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-(CH_2)_m-OR^8$ .
15. (Previously Presented) The compound of Claim 14, which is represented by the formula:

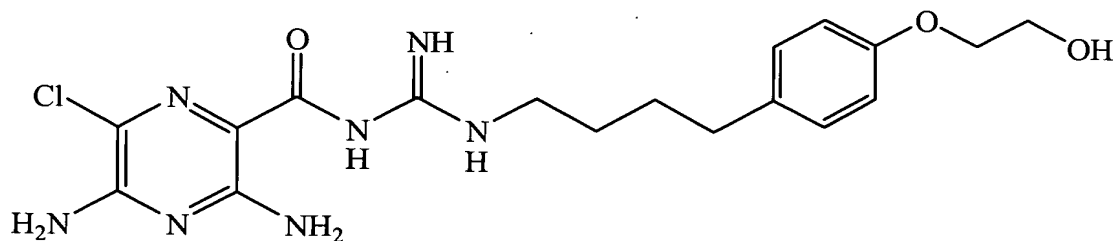


16. (Previously Presented) The compound of Claim 14, which is represented by the formula:

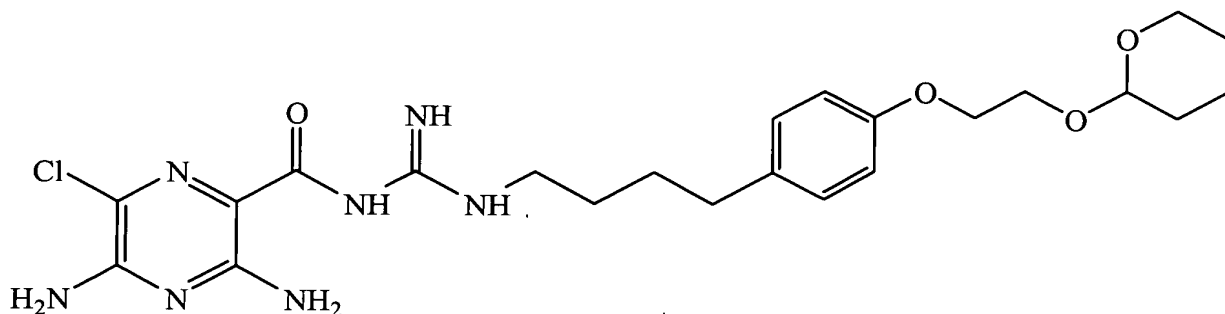


17. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-O-(CH_2)_m-$  OR<sup>8</sup>.

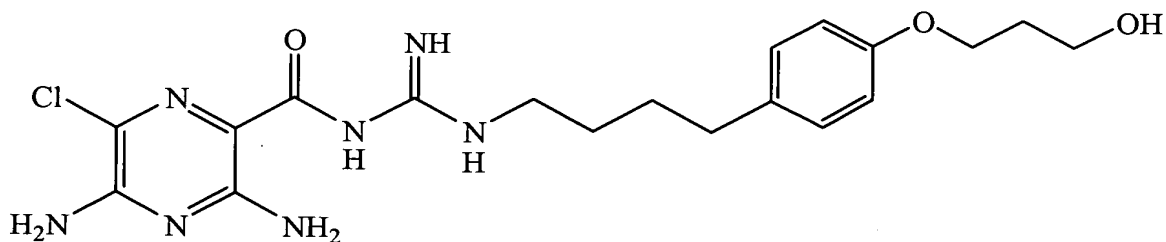
18. (Previously Presented) The compound of Claim 17, which is represented by the formula:



19. (Previously Presented) The compound of Claim 17, which is represented by the formula:



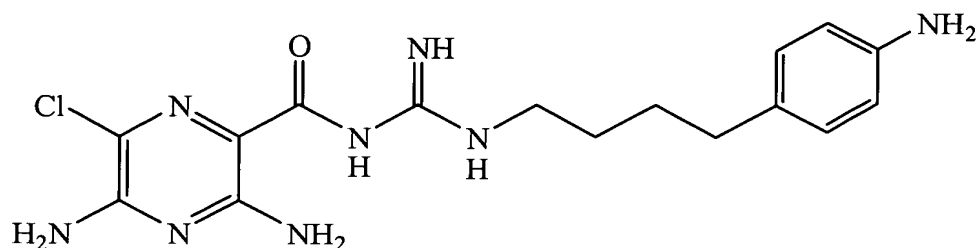
20. (Previously Presented) The compound of Claim 17, which is represented by the formula:



21. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-(CH_2)_n-$   $NR^7R^{10}$ .

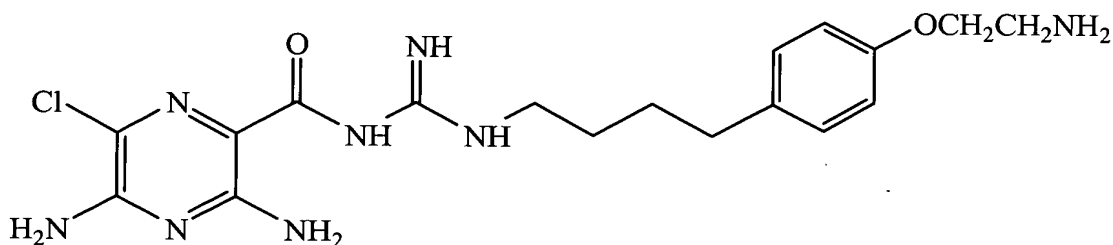
22. (Previously Presented) The compound of Claim 21, which is represented by the formula:



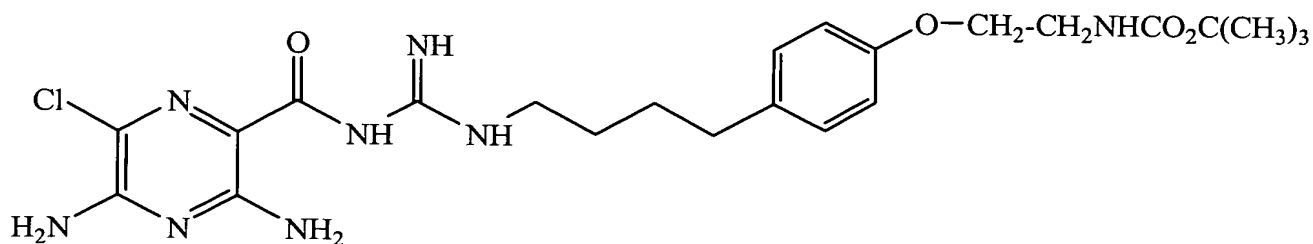


23. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-O-(CH_2)_m-$   
 $NR^7R^{10}$ .

24. (Previously Presented) The compound of Claim 23, which is represented by the  
formula:



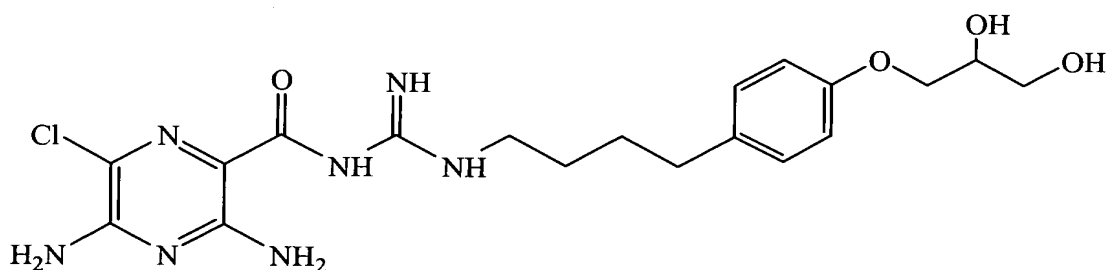
25. (Previously Presented) The compound of Claim 23, which is represented by the  
formula:



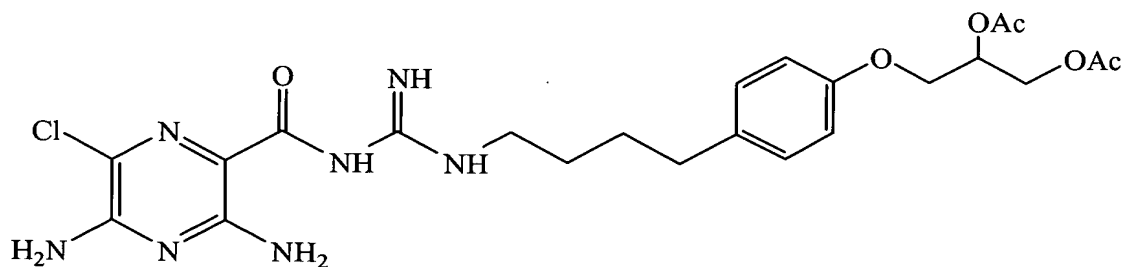
26. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is  
-(CH<sub>2</sub>)<sub>n</sub>(CHOR<sup>8</sup>)(CHOR<sup>8</sup>)<sub>n</sub>-CH<sub>2</sub>OR<sup>8</sup>.

27. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is  
-O-(CH<sub>2</sub>)<sub>m</sub>(CHOR<sup>8</sup>)(CHOR<sup>8</sup>)<sub>n</sub>-CH<sub>2</sub>OR<sup>8</sup>.

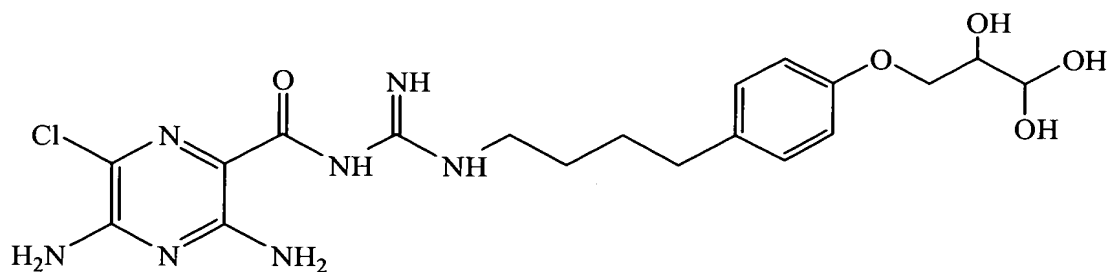
28. (Previously Presented) The compound of Claim 27, which is represented by the  
formula:



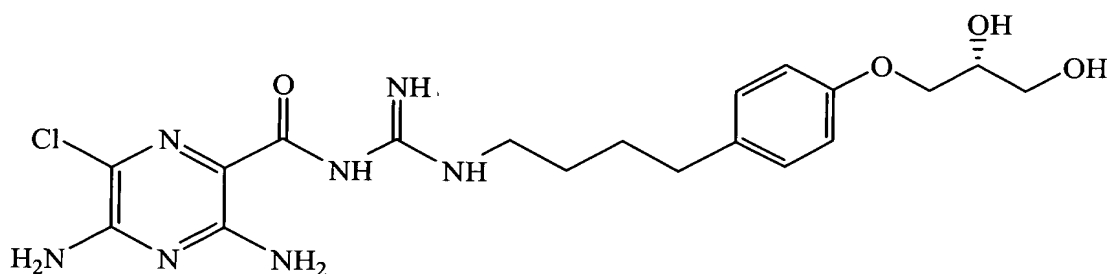
29. (Previously Presented) The compound of Claim 27, which is represented by the  
formula:



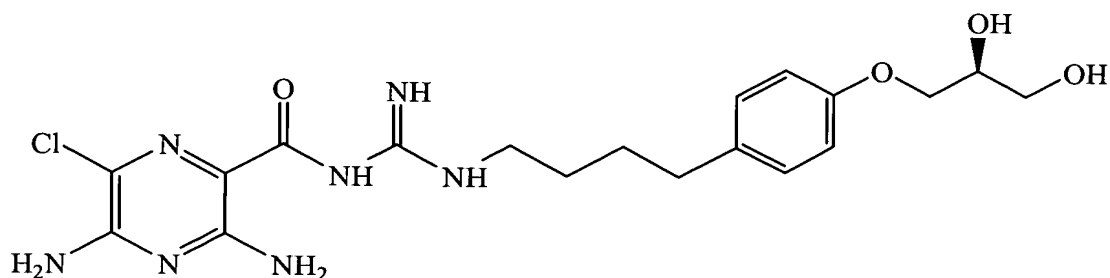
30. (Previously Presented) The compound of Claim 27, which is represented by the  
formula:



31. (Previously Presented) The compound of Claim 27, which is represented by the formula:



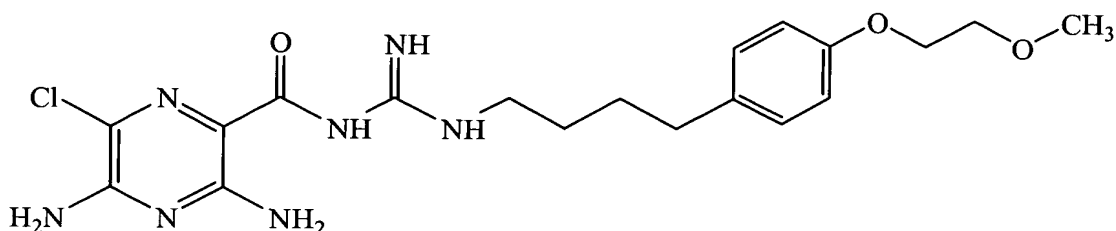
32. (Previously Presented) The compound of Claim 27, which is represented by the formula:



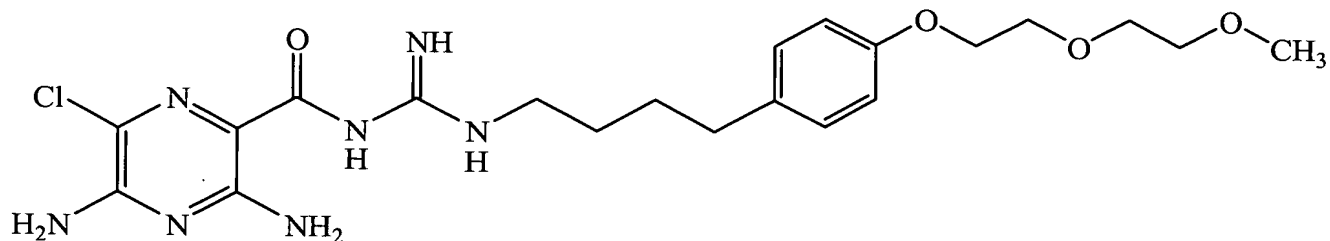
33. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-(CH_2CH_2O)_m-$   
 $R^8$ .

34. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is -O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>m</sub>-R<sup>8</sup>.

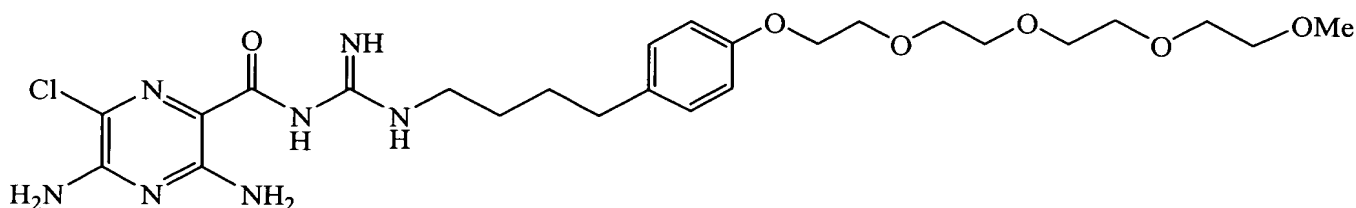
35. (Previously Presented) The compound of Claim 34, which is represented by the formula:



36. (Previously Presented) The compound of Claim 34, which is represented by the formula:



37. (Previously Presented) The compound of Claim 34, which is represented by the formula:



38. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ .

39. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-O-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ .

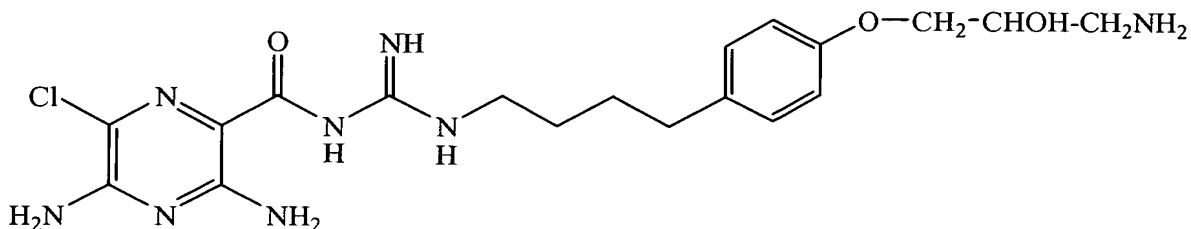
40. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-(CH_2)_n-C(=O)NR^7R^{10}$ .

41. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-O-(CH_2)_m-C(=O)NR^7R^{10}$ .

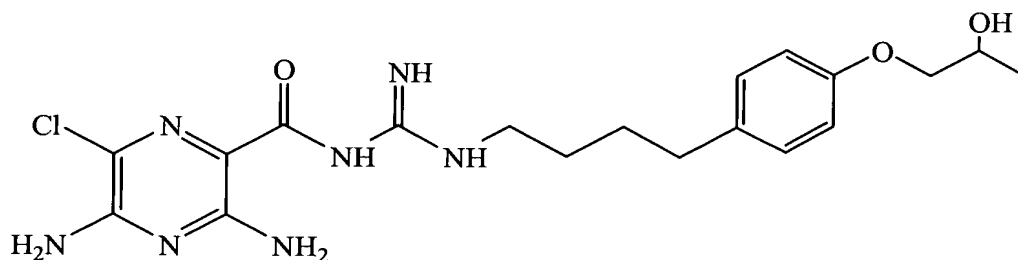
42. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-(CH_2)_n-(Z)_g-R^7$ .

43. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is  $-O-(CH_2)_m-(Z)_g-R^7$ .

44. (Previously Presented) The compound of Claim 43, which is represented by the formula:



45. (Previously Presented) The compound of Claim 43, which is represented by the formula:



46. (Currently Amended) The compound of Claim 11, wherein R<sup>5</sup> is -(CH<sub>2</sub>)<sub>n</sub>-NR<sup>10</sup>-CH<sub>2</sub>(CHOR<sup>8</sup>)(CHOR<sup>8</sup>)<sub>n</sub>-CH<sub>2</sub>OR<sup>8</sup>.

47. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is -O-(CH<sub>2</sub>)<sub>m</sub>-NR<sup>10</sup>-CH<sub>2</sub>(CHOR<sup>8</sup>)(CHOR<sup>8</sup>)<sub>n</sub>-CH<sub>2</sub>OR<sup>8</sup>.

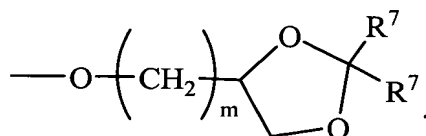
48. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is -O-(CH<sub>2</sub>)<sub>m</sub>-CO<sub>2</sub>R<sup>7</sup>.

49. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is -OSO<sub>3</sub>H.

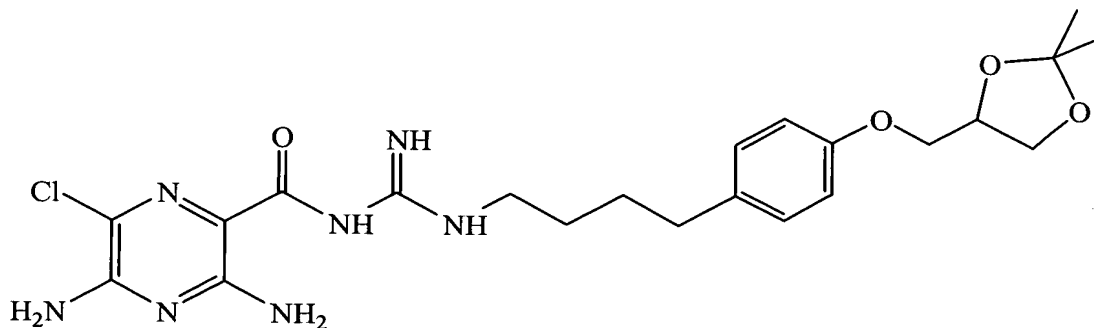
50. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is -O-glucuronide.

51. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is -O-glucose.

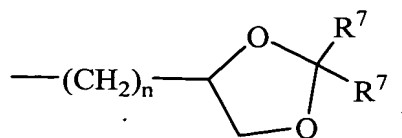
52. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is



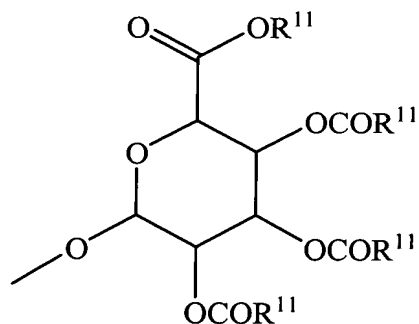
53. (Previously Presented) The compound of Claim 52, which is represented by the formula:



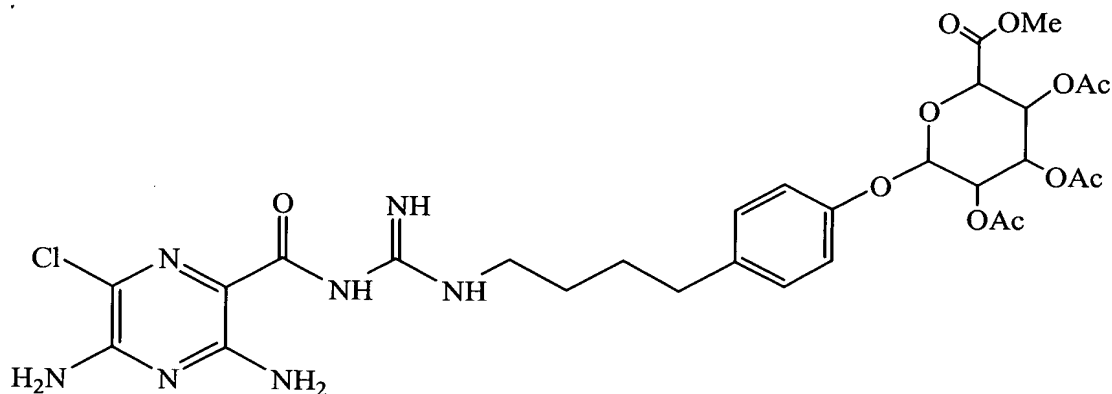
54. (Previously Amended) The compound of Claim 11, wherein R<sup>5</sup> is



55. (Previously Amended) The compound of Claim 11, wherein  $R^5$  is



56. (Previously Presented) The compound of Claim 55, which is represented by the formula:



57. (Previously Amended) The compound of Claim 1, wherein

X is halogen;

Y is  $-N(R^7)_2$ ;

$R^1$  is hydrogen or  $C_1$ - $C_3$  alkyl;

$R^2$  is  $-R^7$ ,  $-(CH_2)_m-OR^8$ , or  $-(CH_2)_n-CO_2R^7$ ;



$R^3$  is a group represented by formula (A); and

$R^4$  is hydrogen, a group represented by formula (A), or lower alkyl.

58. (Previously Amended) The compound of Claim 57, wherein

X is chloro or bromo;

Y is  $-N(R^7)_2$ ;

$R^2$  is hydrogen or  $C_1$ - $C_3$  alkyl;

at most three  $R^6$  are other than hydrogen as defined above; and

at most three  $R^L$  are other than hydrogen as defined above.

59. (Previously Presented) The compound of Claim 58, wherein Y is  $-NH_2$ .

60. (Previously Amended) The compound of Claim 59, wherein  $R^4$  is hydrogen;

at most one  $R^L$  is other than hydrogen as defined above; and

at most two  $R^6$  are other than hydrogen as defined above.

61. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2)_m-OR^8$ .

62. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m-$   
 $OR^8$ .

63. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2)_n-$   
 $NR^7R^{10}$ .

64. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m-NR^7R^{10}$ .

65. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$ .

66. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m(CHOR^8)(CHOR^8)_n-CH_2OR^8$ .

67. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2CH_2O)_m-R^8$ .

68. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2CH_2O)_m-R^8$ .

69. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ .

70. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ .

71. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2)_n-C(=O)NR^7R^{10}$ .

72. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m-C(=O)NR^7R^{10}$ .

73. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2)_n-(Z)_g-R^7$ .

74. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m-(Z)_g-R^7$ .

75. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-(CH_2)_n-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ .

76. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ .

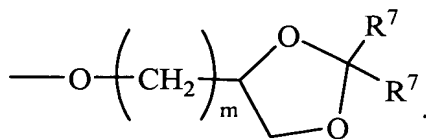
77. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O-(CH_2)_m-CO_2R^7$ .

78. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-OSO_3H$ .

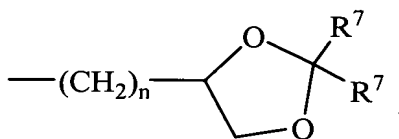
79. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O$ -glucuronide.

80. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is  $-O$ -glucose.

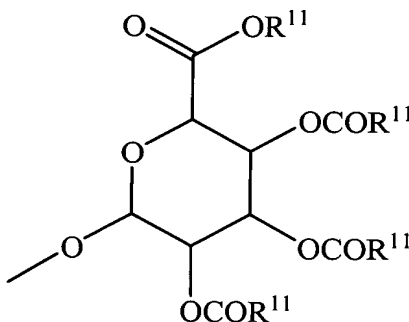
81. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is



82. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is



83. (Previously Presented) The compound of Claim 1, wherein  $R^5$  is



84. (Previously Presented) The compound of Claim 1, wherein x is a single bond.

85. (Previously Presented) The compound of Claim 1, which is in the form of a pharmaceutically acceptable salt.

86. (Previously Presented) A pharmaceutical composition, comprising the compound of Claim 1 and a pharmaceutically acceptable carrier.

87. (Cancelled).

88. (Cancelled).

89. (Previously Presented) A method of blocking sodium channels, comprising:  
contacting sodium channels with an effective amount of the compound of Claim 1.

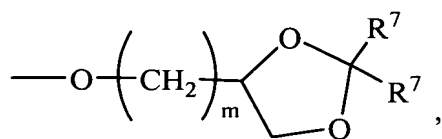
Claim 90-116: Cancelled.

117. (Previously Presented) A composition, comprising:  
the compound of Claim 1; and  
a P2Y2 inhibitor.

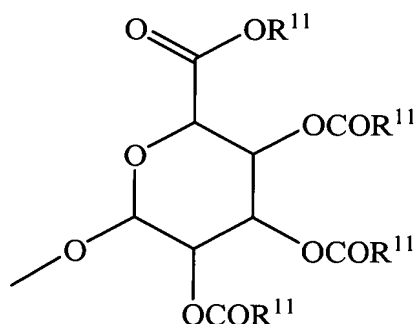
118. (Previously Presented) A composition, comprising:  
the compound of Claim 1; and  
a bronchodilator.

119. (Previously Amended) The compound of Claim 1, wherein R<sup>5</sup> is selected from  
the group consisting of

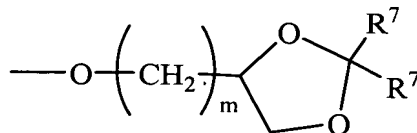
-O-(CH<sub>2</sub>)<sub>3</sub>-OH, -NH<sub>2</sub>, -O-CH<sub>2</sub>-(CHOH)<sub>2</sub>-CH<sub>2</sub>OH, -O-CH<sub>2</sub>-CHOH-CH<sub>2</sub>OH,  
-O-CH<sub>2</sub>CH<sub>2</sub>-O-tetrahydropyran-2-yl, -O-CH<sub>2</sub>CHOH-CH<sub>2</sub>-O-glucuronide,  
-O-CH<sub>2</sub>CH<sub>2</sub>OH, -O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>4</sub>-CH<sub>3</sub>, -O-CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>,  
-O-CH<sub>2</sub>-(CHOC(=O)CH<sub>3</sub>)-CH<sub>2</sub>-OC(=O)CH<sub>3</sub>, -O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>-CH<sub>3</sub>,  
-OCH<sub>2</sub>-CHOH-CHOH-CH<sub>2</sub>OH, -CH<sub>2</sub>OH,



and

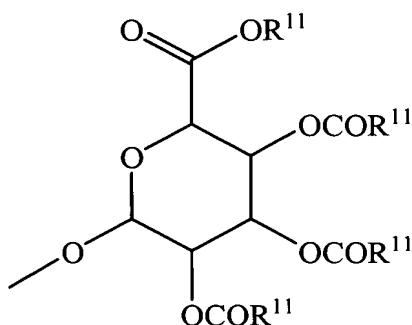


120. (Previously Amended) The compound of Claim 1, wherein  $R^5$  is selected from the group consisting of para -O-(CH<sub>2</sub>)<sub>3</sub>-OH, para -NH<sub>2</sub>, para -O-CH<sub>2</sub>-(CHOH)<sub>2</sub>-CH<sub>2</sub>OH, ortho -O-CH<sub>2</sub>-CHOH-CH<sub>2</sub>OH, meta -O-CH<sub>2</sub>-CHOH-CH<sub>2</sub>OH, para -O-CH<sub>2</sub>CH<sub>2</sub>-O-tetrahydropyran- 2-yl, para -O-CH<sub>2</sub>CHOH-CH<sub>2</sub>-O-glucuronide, para -O-CH<sub>2</sub>CH<sub>2</sub>OH, para -O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>4</sub>-CH<sub>3</sub>, para -O-CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, para -O-CH<sub>2</sub>-(CHOC(=O)CH<sub>3</sub>)-CH<sub>2</sub>-OC(=O)CH<sub>3</sub>, para -O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>-CH<sub>3</sub>, -OCH<sub>2</sub>-CHOH-CHOH-CH<sub>2</sub>OH, para -CH<sub>2</sub>OH, para -SO<sub>3</sub>H, para -O-glucuronide, para



and

para



121. (Previously Amended) The compound of Claim 119, wherein

X is chloro or bromo;

Y is -N(R<sup>7</sup>)<sub>2</sub>;

R<sup>1</sup> is hydrogen or C<sub>1</sub>-C<sub>3</sub> alkyl;

R<sup>2</sup> is hydrogen or C<sub>1</sub>-C<sub>3</sub> alkyl;

R<sup>3</sup> is a group represented by formula (A); and

R<sup>4</sup> is hydrogen, a group represented by formula (A), or lower alkyl;

at most three R<sup>6</sup> are other than hydrogen as defined above; and

at most three R<sup>L</sup> are other than hydrogen as defined above.

122. (Previously Amended) The compound of Claim 121, wherein

R<sup>4</sup> is hydrogen;

at most one R<sup>L</sup> is other than hydrogen as defined above; and

at most two R<sup>6</sup> are other than hydrogen as defined above.

123. (Previously Amended) The compound of Claim 120, wherein

X is chloro or bromo;

Y is -N(R<sup>7</sup>)<sub>2</sub>;

$R^1$  is hydrogen or  $C_1$ - $C_3$  alkyl;

$R^2$  is hydrogen or  $C_1$ - $C_3$  alkyl;

$R^3$  is a group represented by formula (A); and

$R^4$  is hydrogen, a group represented by formula (A), or lower alkyl;

at most three  $R^6$  are other than hydrogen as defined above; and

at most three  $R^L$  are other than hydrogen as defined above.

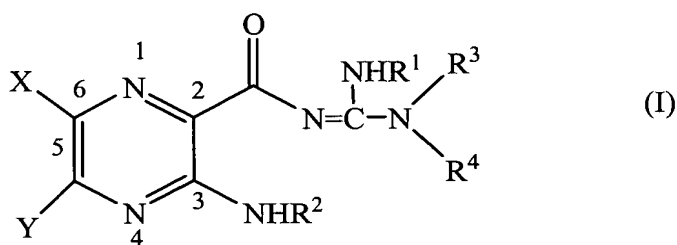
124. (Previously Amended) The compound of Claim 123, wherein

$R^4$  is hydrogen;

at most one  $R^L$  is other than hydrogen as defined above; and

at most two  $R^6$  are other than hydrogen as defined above.

125. (Currently Amended) A compound represented by formula (I):



wherein

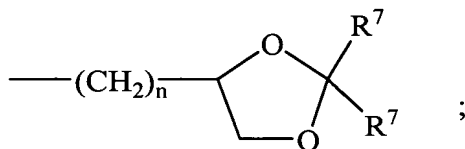
X is hydrogen, halogen, trifluoromethyl, lower alkyl, unsubstituted or substituted phenyl, lower alkyl-thio, phenyl-lower alkyl-thio, lower alkyl-sulfonyl, or phenyl-lower alkyl-sulfonyl;

Y is hydrogen, hydroxyl, mercapto, lower alkoxy, lower alkyl-thio, halogen, lower alkyl, unsubstituted or substituted mononuclear aryl, or  $-N(R^2)_2$ ;

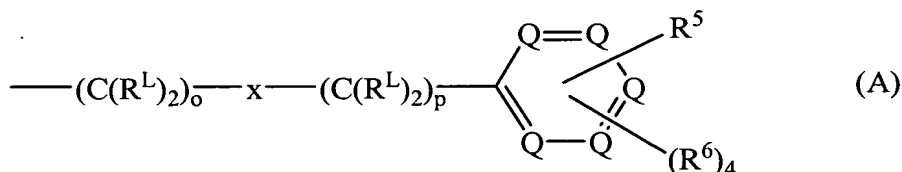


$R^1$  is hydrogen or lower alkyl;

each  $R^2$  is, independently,  $-R^7$ ,  $-(CH_2)_m-OR^8$ ,  $-(CH_2)_m-NR^7R^{10}$ ,  
 $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-(CH_2CH_2O)_m-R^8$ ,  
 $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ ,  $-(CH_2)_n-C(=O)NR^7R^{10}$ ,  $-(CH_2)_n-Z_g-R^7$ ,  $-(CH_2)_m-NR^{10}-$   
 $CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-(CH_2)_n-CO_2R^7$ , or

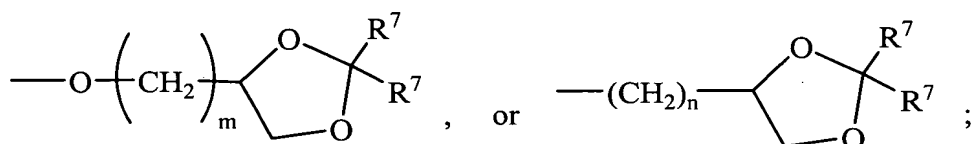
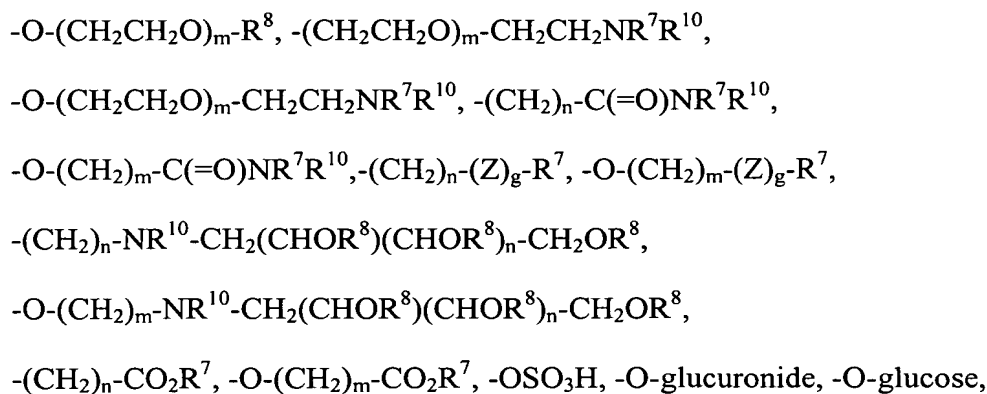


$R^3$  and  $R^4$  are each, independently, hydrogen, a group represented by formula (A), lower alkyl, hydroxy lower alkyl, phenyl, phenyl-lower alkyl, (halophenyl)-lower alkyl, lower-(alkylphenylalkyl), lower (alkoxyphenyl)-lower alkyl, naphthyl-lower alkyl, or pyridyl-lower alkyl, with the proviso that at least one of  $R^3$  and  $R^4$  is a group represented by formula (A):



wherein

each  $R^L$  is, independently,  $-R^7$ ,  $-(CH_2)_n-OR^8$ ,  $-O-(CH_2)_m-OR^8$ ,  
 $-(CH_2)_n-NR^7R^{10}$ ,  $-O-(CH_2)_m-NR^7R^{10}$ ,  $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  
 $-O-(CH_2)_m(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-(CH_2CH_2O)_m-R^8$ ,



each o is, independently, an integer from 4 to 10;

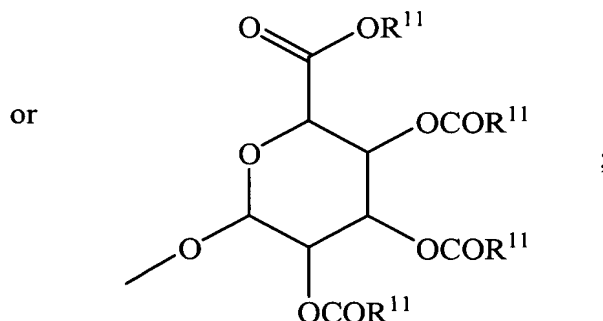
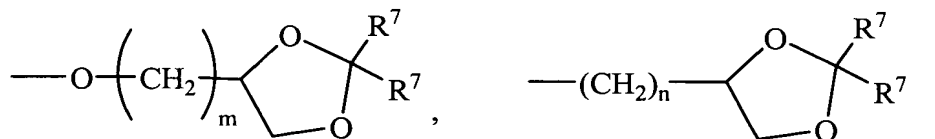
each p is an integer from 0 to 10;

with the proviso that the sum of o and p in each contiguous chain is from 4 to 10;

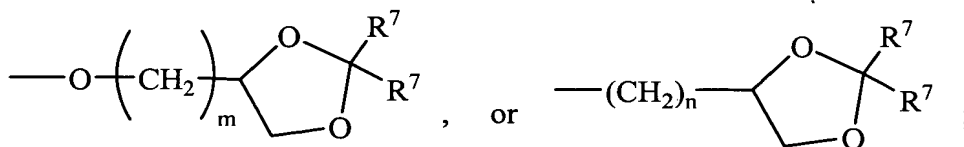
each x is, independently, O,  $\underline{NR^{10}}$ ,  $\underline{NR^{10}}$ , C(=O), CHOH,  $\underline{C(=N-R^{10})}$ ,  $\underline{C(=N-R^{10})}$ ,  $\underline{CHNR^7R^{10}}$ , or represents a single bond;

each R<sup>5</sup> is, independently,  $-(CH_2)_m-OR^8$ ,  $-O-(CH_2)_m-OR^8$ ,  $-(CH_2)_n-NR^7R^{10}$ ,  $-O-(CH_2)_m-NR^7R^{10}$ ,  $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-O-(CH_2)_m(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-(CH_2CH_2O)_m-R^8$ ,  $-O-(CH_2CH_2O)_m-R^8$ ,  $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ ,  $-O-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$ ,  $-(CH_2)_n-C(=O)NR^7R^{10}$ ,  $-O-(CH_2)_m-C(=O)NR^7R^{10}$ ,  $-(CH_2)_n-(Z)_g-R^7$ ,  $-O-(CH_2)_m-(Z)_g-R^7$ ,  $-(CH_2)_n-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,  $-O-(CH_2)_m-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$ ,

$-(\text{CH}_2)_n\text{-CO}_2\text{R}^7$ ,  $-\text{O}-(\text{CH}_2)_m\text{-CO}_2\text{R}^7$ ,  $-\text{OSO}_3\text{H}$ ,  $-\text{O-glucuronide}$ ,  $-\text{O-glucose}$ ,



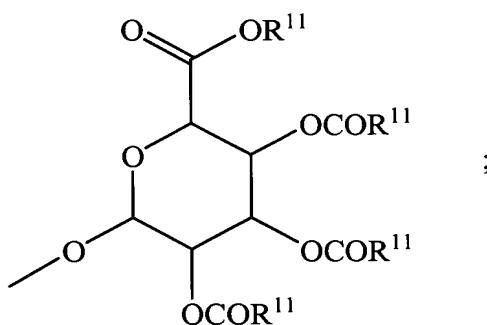
each  $\text{R}^6$  is, independently,  $-\text{R}^7$ ,  $-\text{OR}^{11}$ ,  $-\text{N}(\text{R}^7)_2$ ,  $-(\text{CH}_2)_m\text{-OR}^8$ ,  
 $-\text{O}-(\text{CH}_2)_m\text{-OR}^8$ ,  $-(\text{CH}_2)_n\text{-NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2)_m\text{-NR}^7\text{R}^{10}$ ,  
 $-(\text{CH}_2)_n(\text{CHOR}^8)(\text{CHOR}^8)_n\text{-CH}_2\text{OR}^8$   
 $-(\text{CH}_2)_n(\text{CHOR}^8)(\text{CHOR}^8)_n\text{-CH}_2\text{OR}^8$ ,  $-\text{O}-(\text{CH}_2)_m(\text{CHOR}^8)(\text{CHOR}^8)_n\text{-CH}_2\text{OR}^8$ ,  
 $-(\text{CH}_2\text{CH}_2\text{O})_m\text{-R}^8$ ,  $-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m\text{-R}^8$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_m\text{-CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$   
 $-(\text{CH}_2\text{CH}_2\text{O})_m\text{-CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m\text{-CH}_2\text{CH}_2\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n\text{-}$   
 $\text{C}(=\text{O})\text{NR}^7\text{R}^{10}$ ,  $-\text{O}-(\text{CH}_2)_m\text{-C}(=\text{O})\text{NR}^7\text{R}^{10}$ ,  $-(\text{CH}_2)_n\text{-(Z)}_g\text{-R}^7$ ,  $-(\text{CH}_2)_n\text{-(Z)}_g\text{-R}^7$ ,  $-\text{O-}$   
 $(\text{CH}_2)_m\text{-(Z)}_g\text{-R}^7$ ,  $-(\text{CH}_2)_n\text{-NR}^{10}\text{-CH}_2(\text{CHOR}^8)(\text{CHOR}^8)_n\text{-CH}_2\text{OR}^8$ ,  
 $-\text{O}-(\text{CH}_2)_m\text{-NR}^{10}\text{-CH}_2(\text{CHOR}^8)(\text{CHOR}^8)_n\text{-CH}_2\text{OR}^8$ ,  
 $-(\text{CH}_2)_n\text{-CO}_2\text{R}^7$ ,  $-\text{O}-(\text{CH}_2)_m\text{-CO}_2\text{R}^7$ ,  $-\text{OSO}_3\text{H}$ ,  $-\text{O-glucuronide}$ ,  $-\text{O-glucose}$ ,



wherein when two  $R^6$  are  $-OR^{11}$  and are located adjacent to each other on a phenyl ring, the alkyl moieties of the two  $R^6$  may be bonded together to form a methylenedioxy group;

each  $R^7$  is, independently, hydrogen or lower alkyl;

each  $R^8$  is, independently, hydrogen, lower alkyl,  $-C(=O)-R^{11}$ , glucuronide, 2-tetrahydropyranyl, or



each  $R^9$  is, independently,  $-CO_2R^7$ ,  $-CON(R^7)_2$ ,  $-SO_2CH_3$ , or  $-C(=O)R^7$ ;

each  $R^{10}$  is, independently,  $-H$ ,  $-SO_2CH_3$ ,  $-CO_2R^7$ ,  $-C(=O)NR^7R^9$ ,  $-C(=O)R^7$ , or  $-CH_2-(CHOH)_n-CH_2OH$ ;

each  $Z$  is, independently,  $CHOH$ ,  $C(=O)$ ,  $CHNR^7R^{10}$ ,  $C=NR^{10}$ , or  $NR^{10}$ ;

each  $R^{11}$  is, independently, lower alkyl;

each  $g$  is, independently, an integer from 1 to 6;

each  $m$  is, independently, an integer from 1 to 7;

each  $n$  is, independently, an integer from 0 to 7;

each  $Q$  is, independently,  $C-R^5$  or  $C-R^6$ , wherein one  $Q$  is  $C-R^5$ ;

or a pharmaceutically acceptable salt thereof, and

inclusive of all enantiomers, diastereomers, and racemic mixtures thereof.

126. (Previously Submitted) A method of blocking sodium channels, comprising:  
contacting sodium channels with an effective amount of the compound as defined in  
any one of Claims 2-11, 14-85, 119, 120-125.

127. (Previously Submitted) A method of blocking sodium channels, comprising:  
contacting sodium channels with an effective amount of the composition as defined in  
any one of Claims 86, 117, and 118.